PELTOR™

3M™ Peltor™ ComTac™ XP Headset

MT17H682-****

Product desription

The 3M™ Peltor™ ComTac™ XP is designed to help reduce exposure to hazardous levels of noise, improve situational awareness and at the same time enable two-way radio communication in noisy environments.

Key Features:

- Designed for comfortable use with a ballistic helmet
- Hearing protection
- Detachable microphone
- Level dependent function for situational awareness
- Easy to use and operate,"plug and play", no start up time
- Foldable for easy storage and transport
- Configuration menu (hidden)
- Functions: release time, balance, external mute mode, EQ mode, plug mode (maintains situational awareness when used in combination with earplugs)
- SNR 39 dB when combined with earplugs
- Automatic switch off after two hours if no function is used
- No software loads or outside power required, complete self-contained headset with power fail safe
- Combat Proven
- Tested to military standards

(A:1) Headband wire
(A:2) Headband
(A:3) Headband padding
(A:4) Microphone for level dep. function
(A:5) Battery cover
(A:6) On/off and volume +/- control
(A:7) Speech microphone
(A:8) 2 x AAA batteries

A:8

3M™ Peltor™ Technical Datasheet

Applications

Peltor ComTac XP is designed to be used by infantry soldiers and emergency response units within law enforcement.

Standards and Approval:

PPE directive 89/686/EEC
EMC directive 89/336/EEC
MIL-STD-810F
EMC-MIL-STD-461F

In the Box:

1 x ComTac XP
1 x User manual
2 x AAA batteries

Technical Data Specifications:

Power: Battery Type: 2 x AAA 1,2-1,5V batteries
Operating time: ~ 500h (battery & temperature dependent)
Net Weight: 335g (inc. batteries)
Operating temperature: -40 °C to +55 °C (battery dependent)
Storage Temperature: -50 °C to +70 °C

Attenuation

MT17H682FB-****

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)		11.5	17.9	27.8	30.0	32.1	36.2	40.3
Std deviation (dB)		2.5	2.7	1.8	2.3	3.0	2.0	3.1
Assumed Protection Value (dB)		9.0	15.3	25.9	27.7	29.1	34.2	37.2

SNR=28 db H=31 db M=25 db L=16 db

MT17H682FB- in combination with 3M EAR Classic earplug**

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	33,6	35,5	40,8	51,4	44,7	37,0	48,1	44,8
Std deviation (dB)	4,4	5,8	5,0	6,6	4,8	3,6	4,9	4,8
Assumed Protection Value (dB)	29,1	29,7	35,8	44,9	40,0	33,5	43,3	40,0

SNR=39 db H=36 db M=38 db L=36 db

Versions:

"NATO wired" J11 versions, for use with adapter*:

Description		Article no	EANUPC	Colour
MT17H682FB-86	J11, headband	XH001678107	7318640055957	Olive Green
MT17H682FB-86 SV	J11, headband	XH001678115	7318640055964	Black
MT17H682BB-86	J11, Neckband	XH001678123	7318640055971	Olive Green
MT17H682BB-86 SV	J11, Neckband	XH001678131	7318640055988	Black
MT17H682P3AD-86	J11, helmet att OPS-core	XH001678222	7318640056060	Olive Green
MT17H682FB-87	J11, headband,goose neck mic	XH001678149	7318640055995	Olive Green
MT17H682FB-87 SV	J11, headband,goose neck mic	XH001678156	7318640056008	Black
MT17H682FB-19B	J11, headband, dual comm.	XH001674064	7318640052222	Olive Green

Direct lead bone conduction mic . versions*:

Description		Article no	EAN/UPC	Colour
MT17H682FB-69	Marconi PRR ,bone conduction mic	XH001660634	7318640048553	Olive Green
MT17H682FB-T5187	Motorola GP328, bone conduction mic	XH001660659	7318640049529	Olive Green
MT17H682FB-72	Harris 7800, bone conduction mic			

* Modern military communication radios can have different configurations depending on how it is programmed. Users are advised to connect headset to actual radio and configuration being used, in order to test functions and features before purchase.

Accessories and Spare parts:

Description		Art no	EAN
1079 SV	Battery lid	11003065544	93045933242
HY68	Hygine Kit (attenuation cushions & foam)	XH001652482	7318640025615
HY68-02	Hygine Kit (attenuation cushions & foam) for bone mic headsets	XH001667639	7318640049048
MT7N	Microphone, dynamic	XL001634044	7318640061484
MT21E	Goose neck dynamic mic	XL001650263	
MT90-02	Throat mic, dynamic	XL001644068	4046719397938
MT90-03	Throat mic, electrets	XL001644076	4046719397914

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